

# Recycling of Aluminum Wheels

Nissan collects aluminum wheels from end-of-life vehicles (ELVs), recycles them into reusable aluminum material at one of its plants, and uses the recycled material to manufacture high-quality steering system parts. The recycling target at the time this activity was initiated in 2001, was five tons of aluminum wheels per month. Through collaboration with ELV dismantlers, 200 tons of aluminum wheels were collected per month on average in fiscal 2003, thereby substantially reducing the use of virgin raw materials. Scrap aluminum has been recycled into a wide variety of parts, including engine components. Dismantlers all over Japan are cooperating in thoroughgoing efforts to sort and collect aluminum wheels from Nissan vehicles separately, making it possible to reuse them in manufacturing parts made from a higher grade of aluminum.



Collected aluminum wheels



Melting (Yokohama Plant)



Suspension part  
(knuckle arm for Skyline V35)

## Flow of recycling operations

### Benefits of this recycling activity

- **Reducing the use of virgin raw materials**

Nissan has put in place an operational and logistics network for sorting and collecting aluminum wheels separately from Nissan vehicles. This network makes high-grade aluminum recycling possible without any decline in material quality.

